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CGGCACCTATCGTCACCACTCCAGTGACAACAAGAGGTGGAGGAAGAAGATCATAGAGAAGCAG
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CTATGGAGTCACATAAGCCA

Figure 1

MADSSEGPRAGPGEVAELPGDESGTPGGEAFPLSSLANLFEGED
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RTGNMREFINSPFRDIYYRGQTALHIAIERRCKHYVELLVAQGADVHAQARGRFFQPK
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EVTDEDTRHLSRKFKDWAYGPVYSSLYDLSSLDTCGEEASVLEILVYNSKIENRHEML
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Figure 2

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Figure 3

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Figure 4

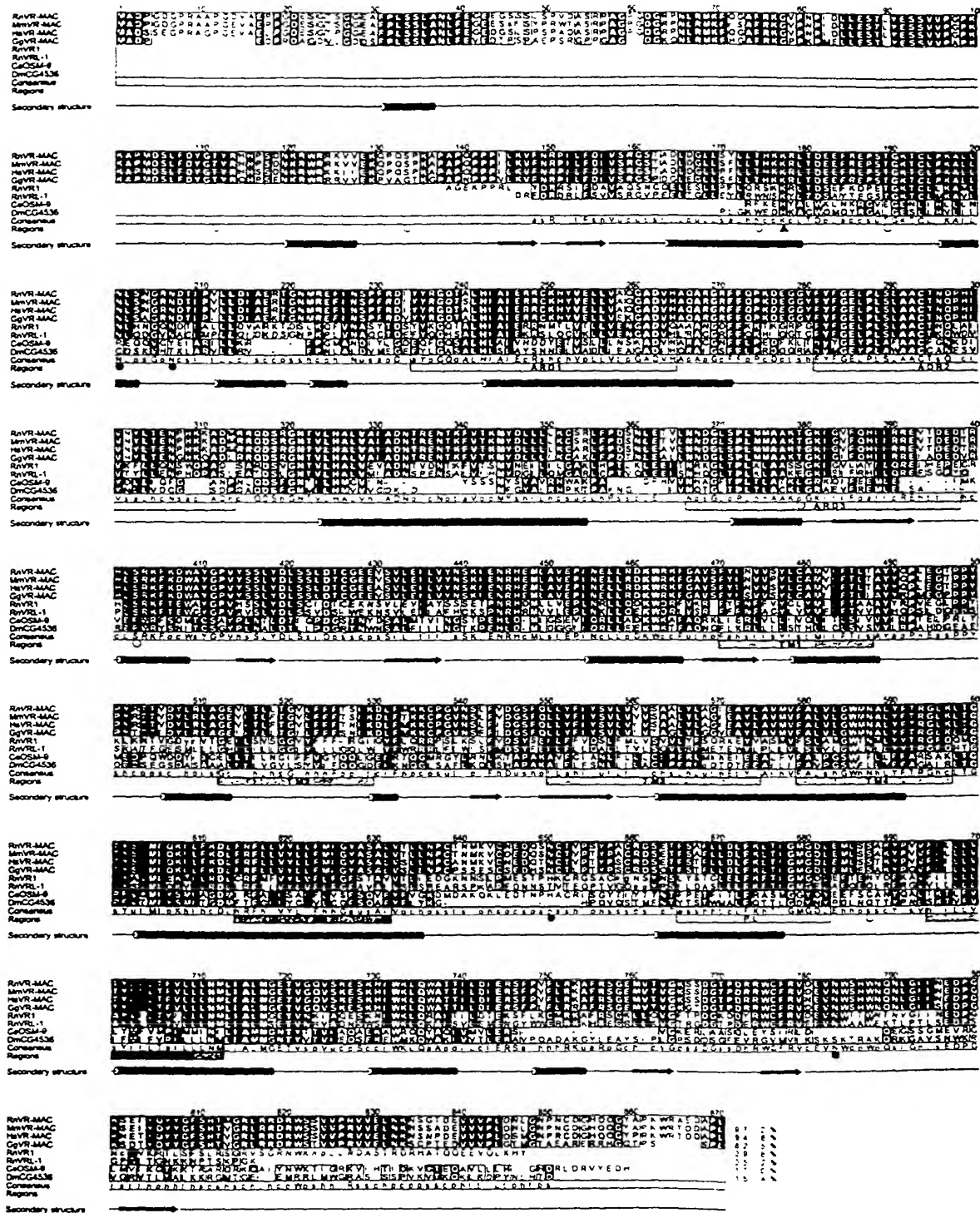


Figure 5

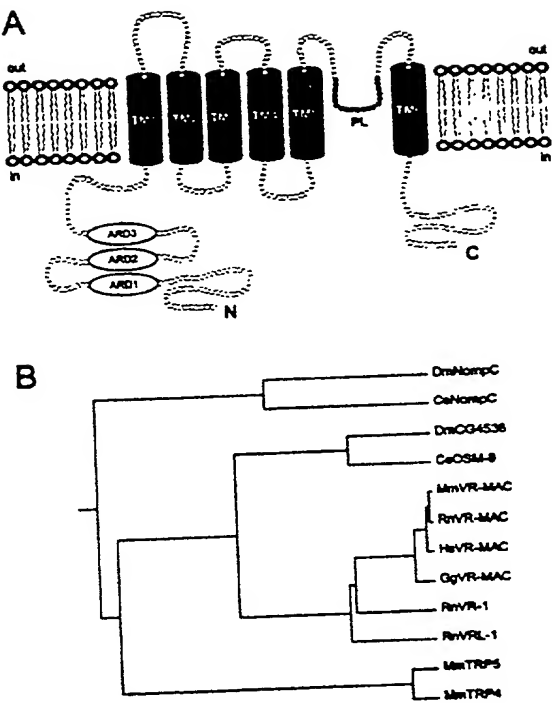


Figure 6

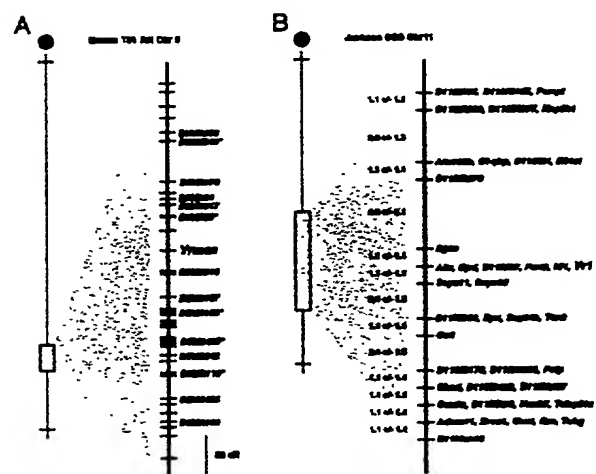


Figure 7

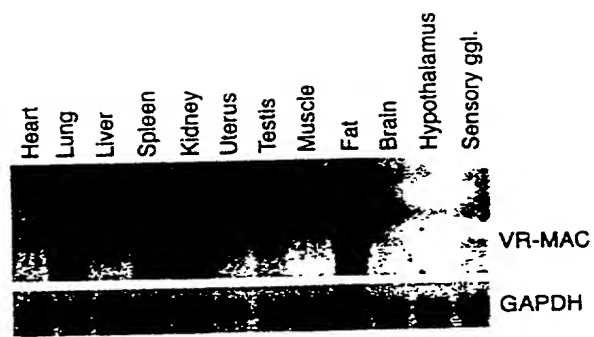


Figure 8

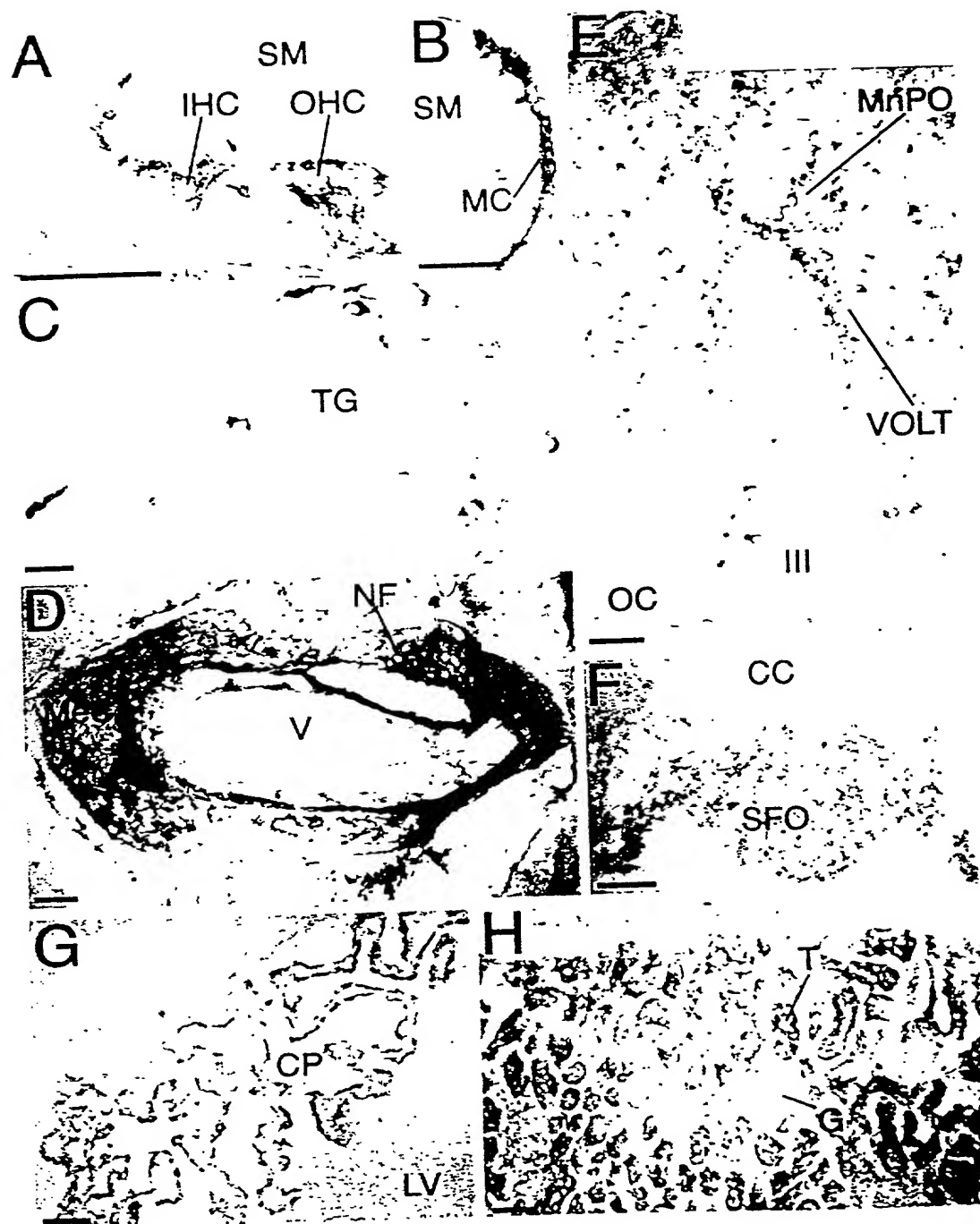


Figure 9

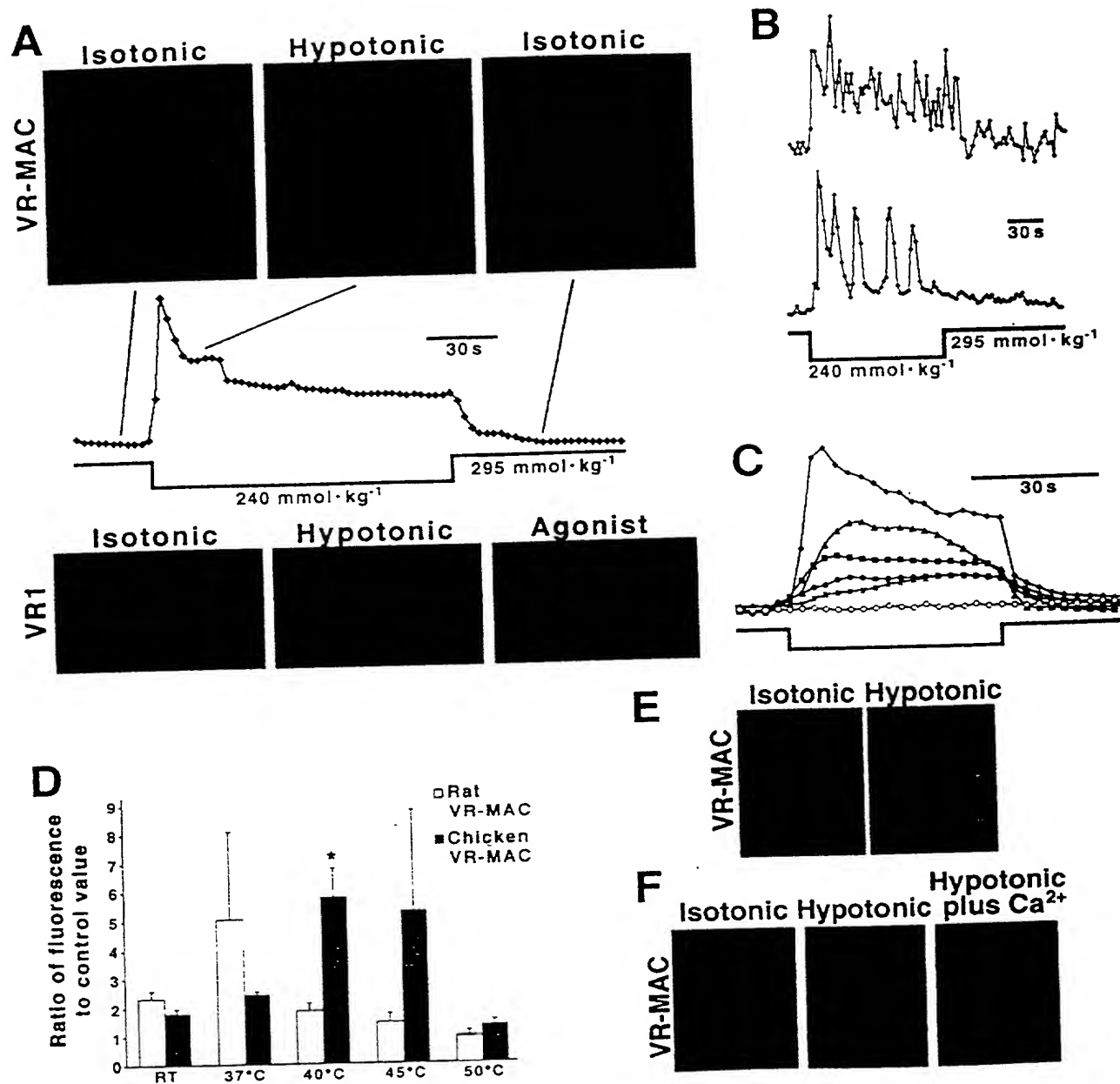


Figure 10

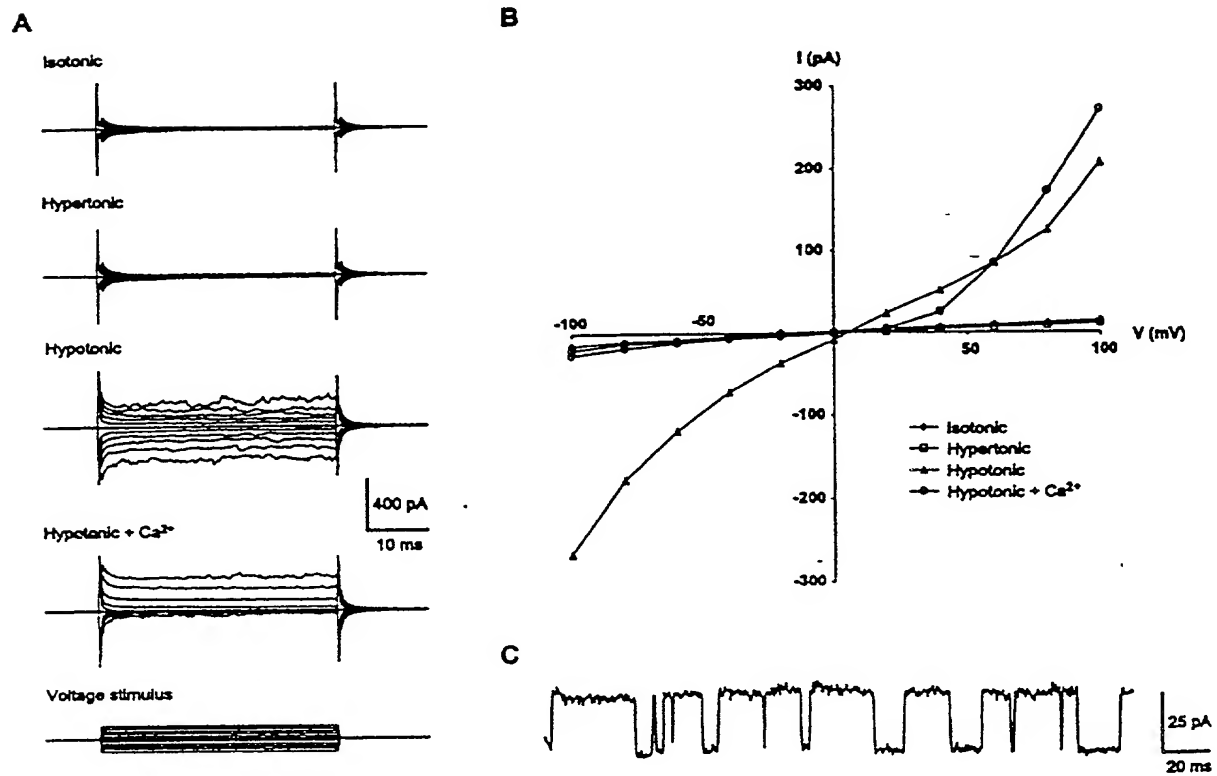


Figure 11

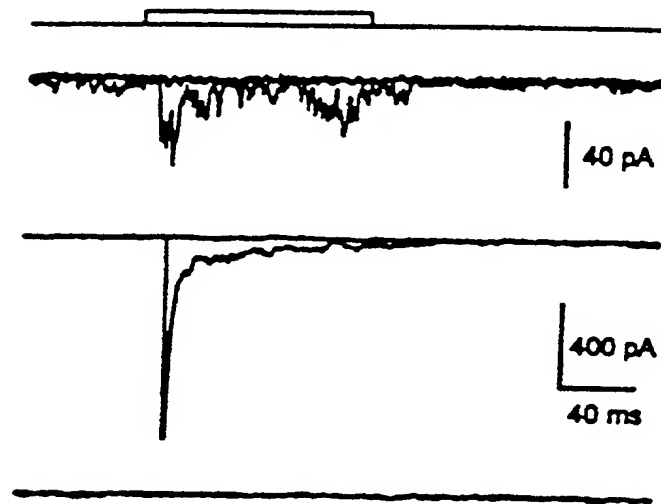


Figure 12

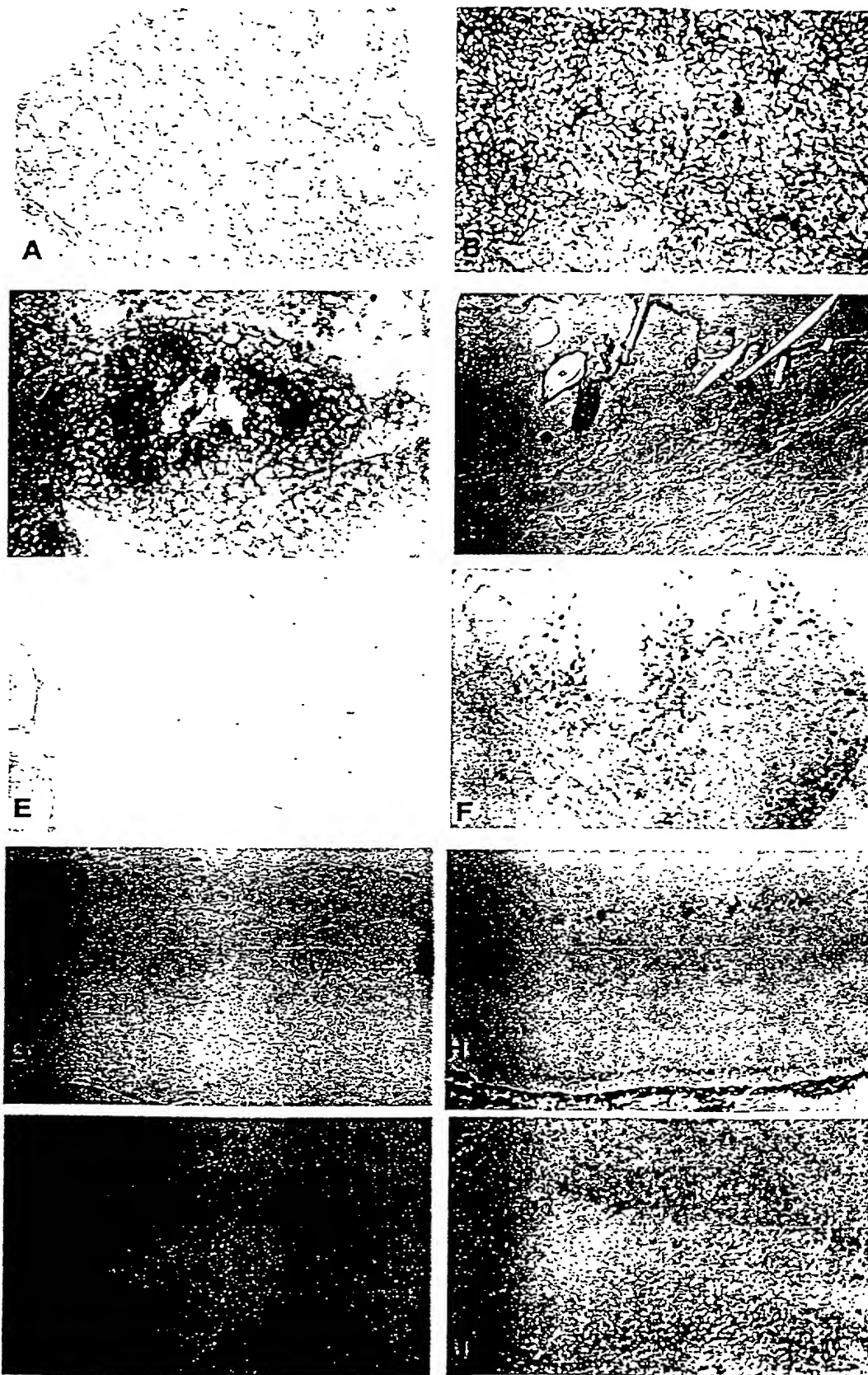


Figure 13

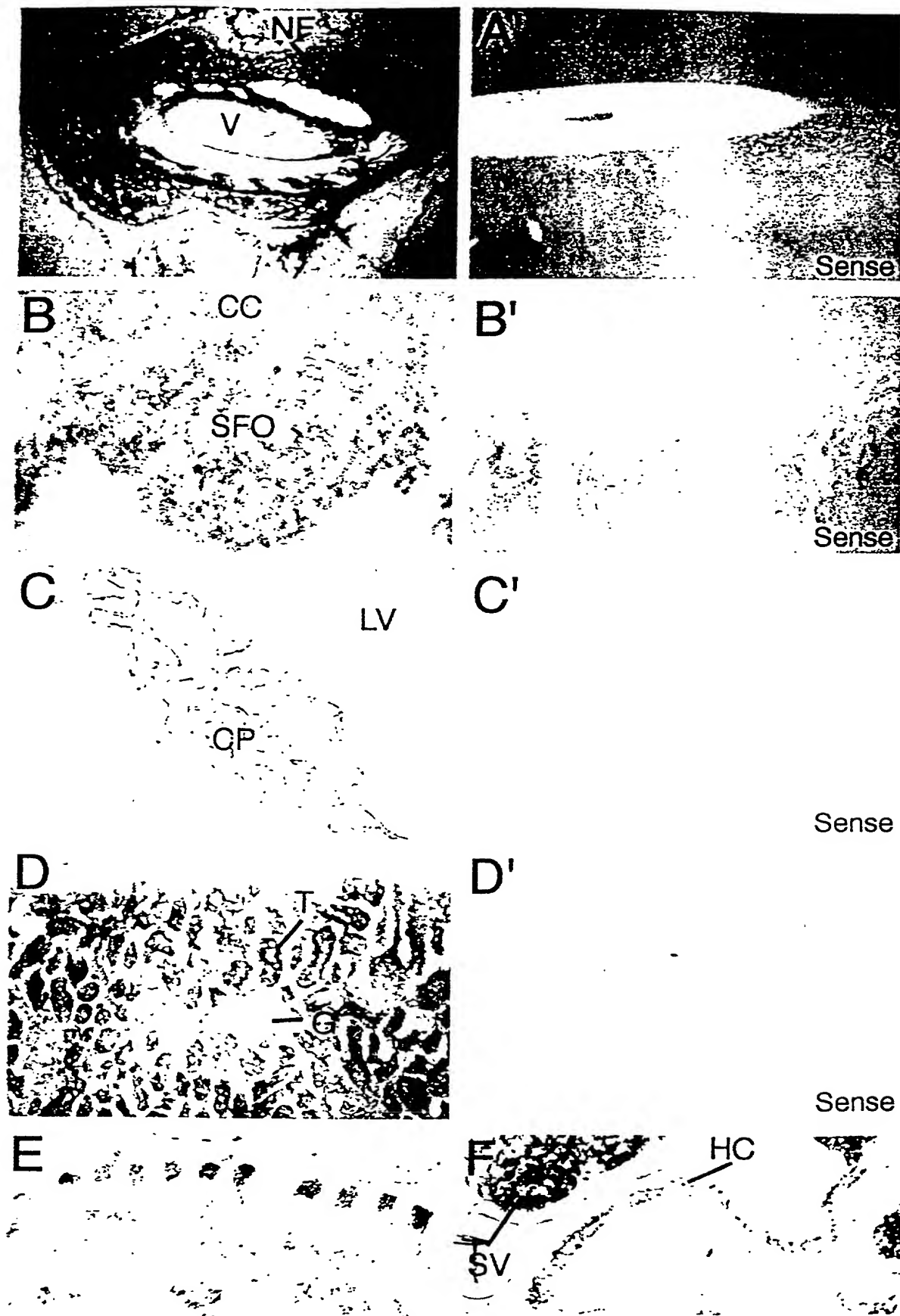


Figure 14

**osmotic avoidance/
basic paradigm**

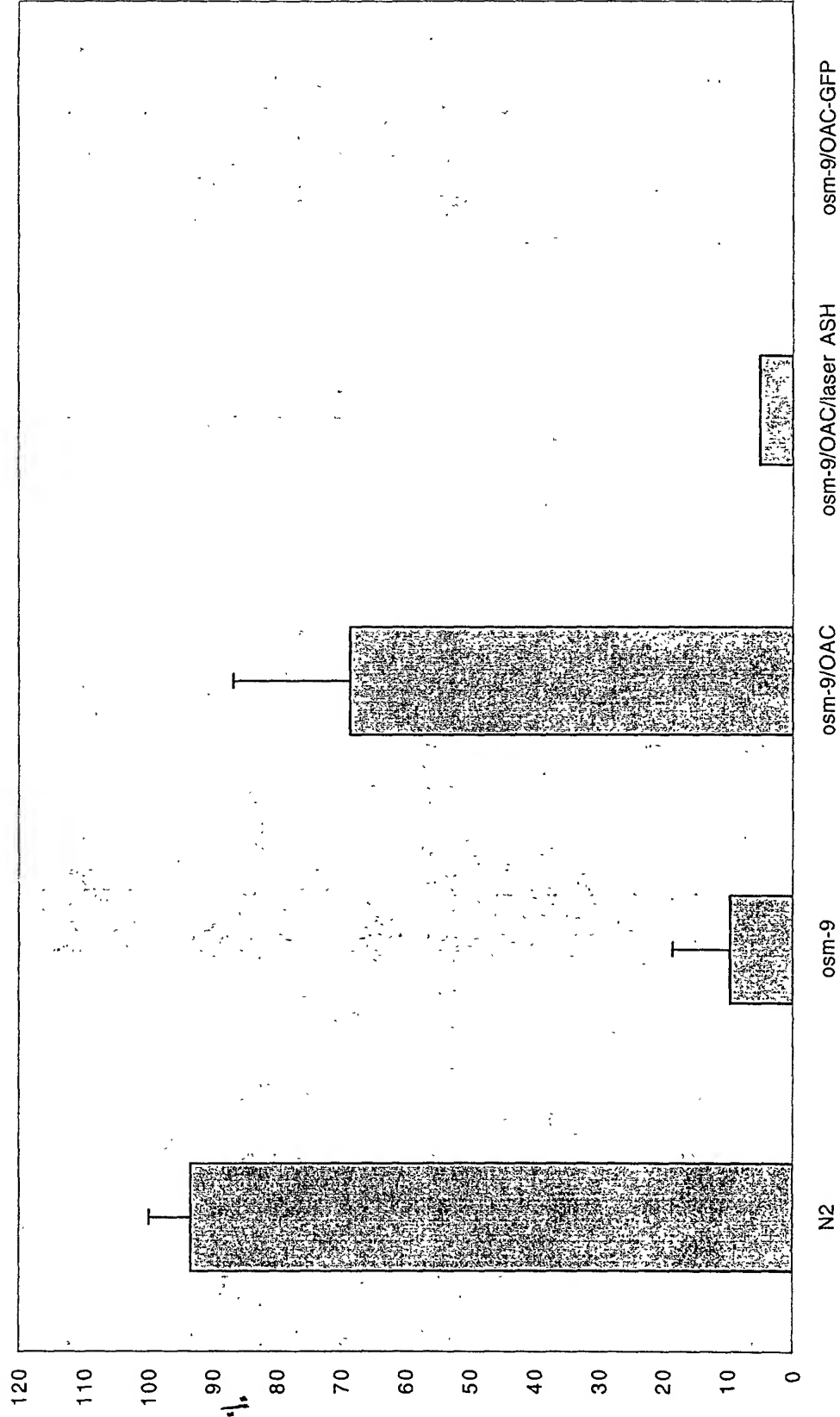


Figure 15A

**nose touch
basic paradigm**

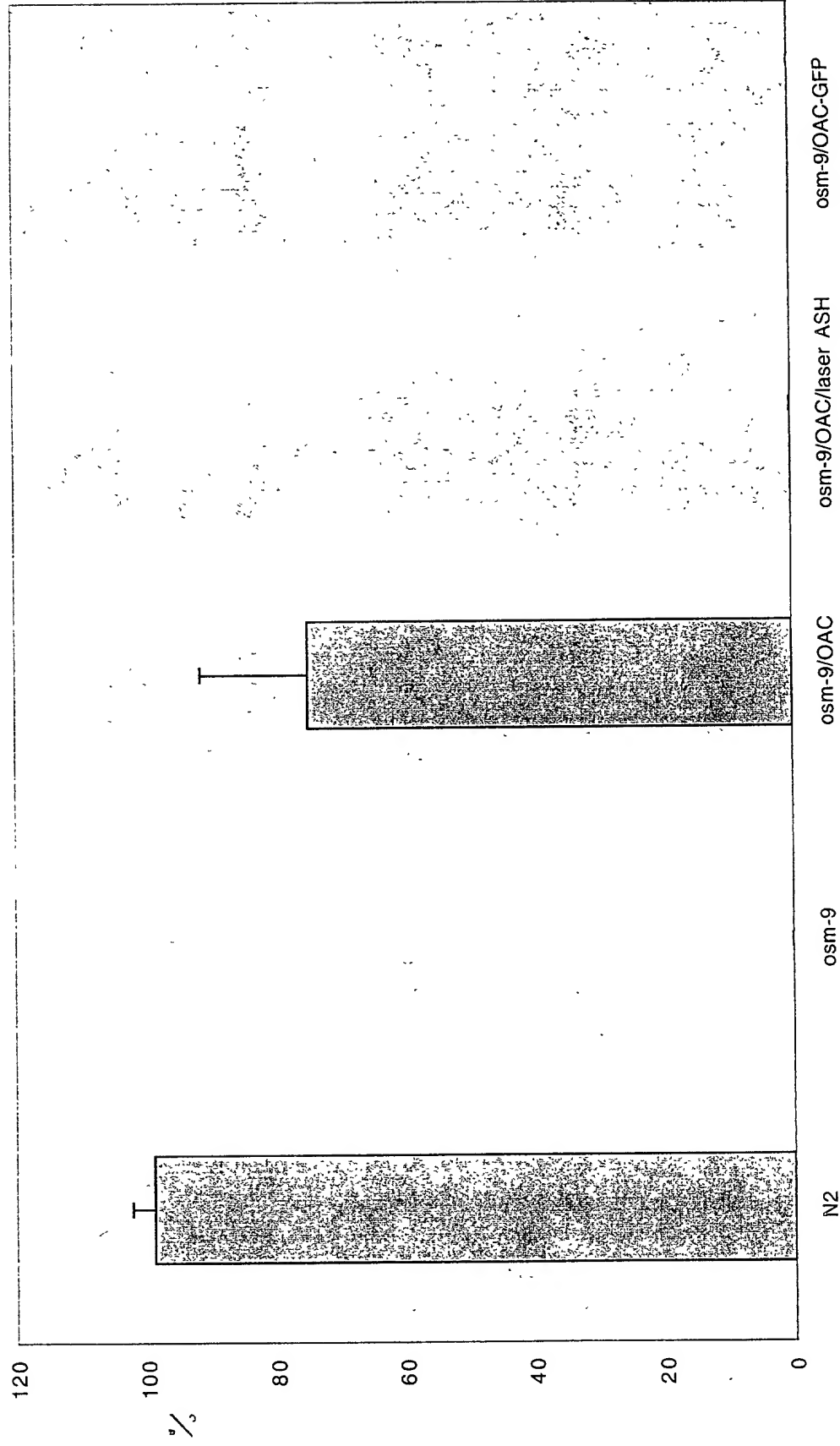


Figure 15B

nose touch
alternate mechanosensory pathway

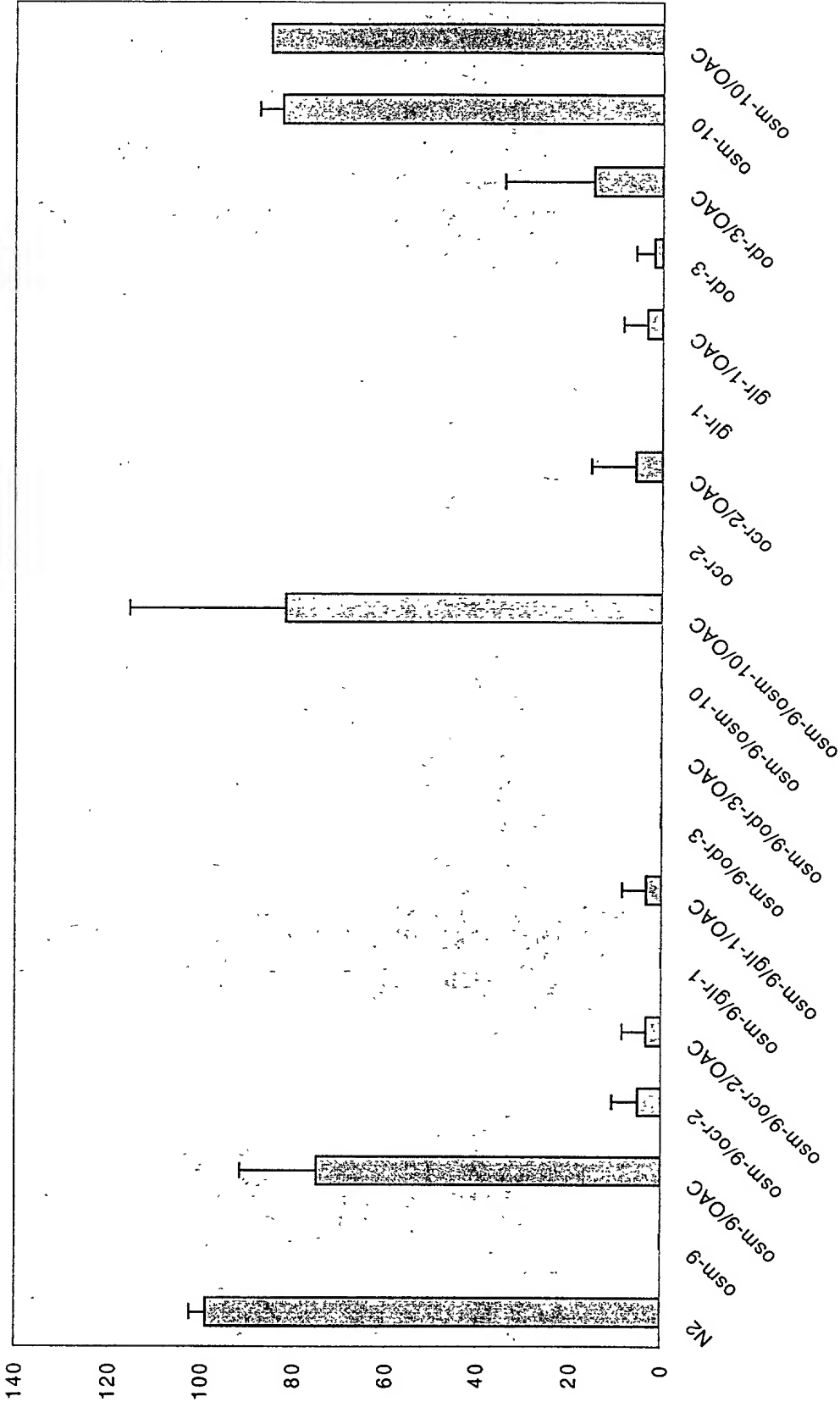


Figure 16A

osmotic avoidance
alternate mechanosensory pathway

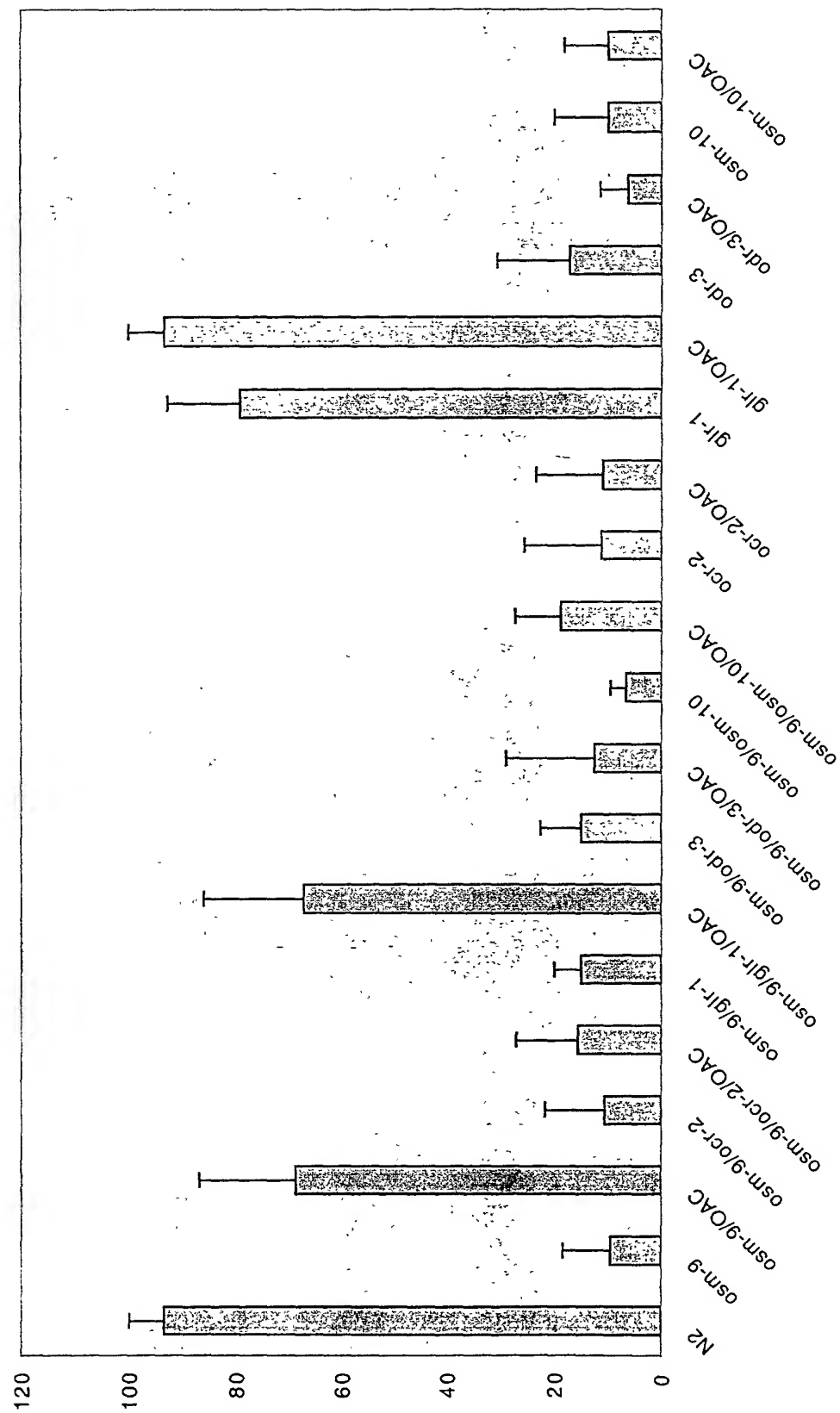


Figure 16B

osmotic avoidance
structure-function study

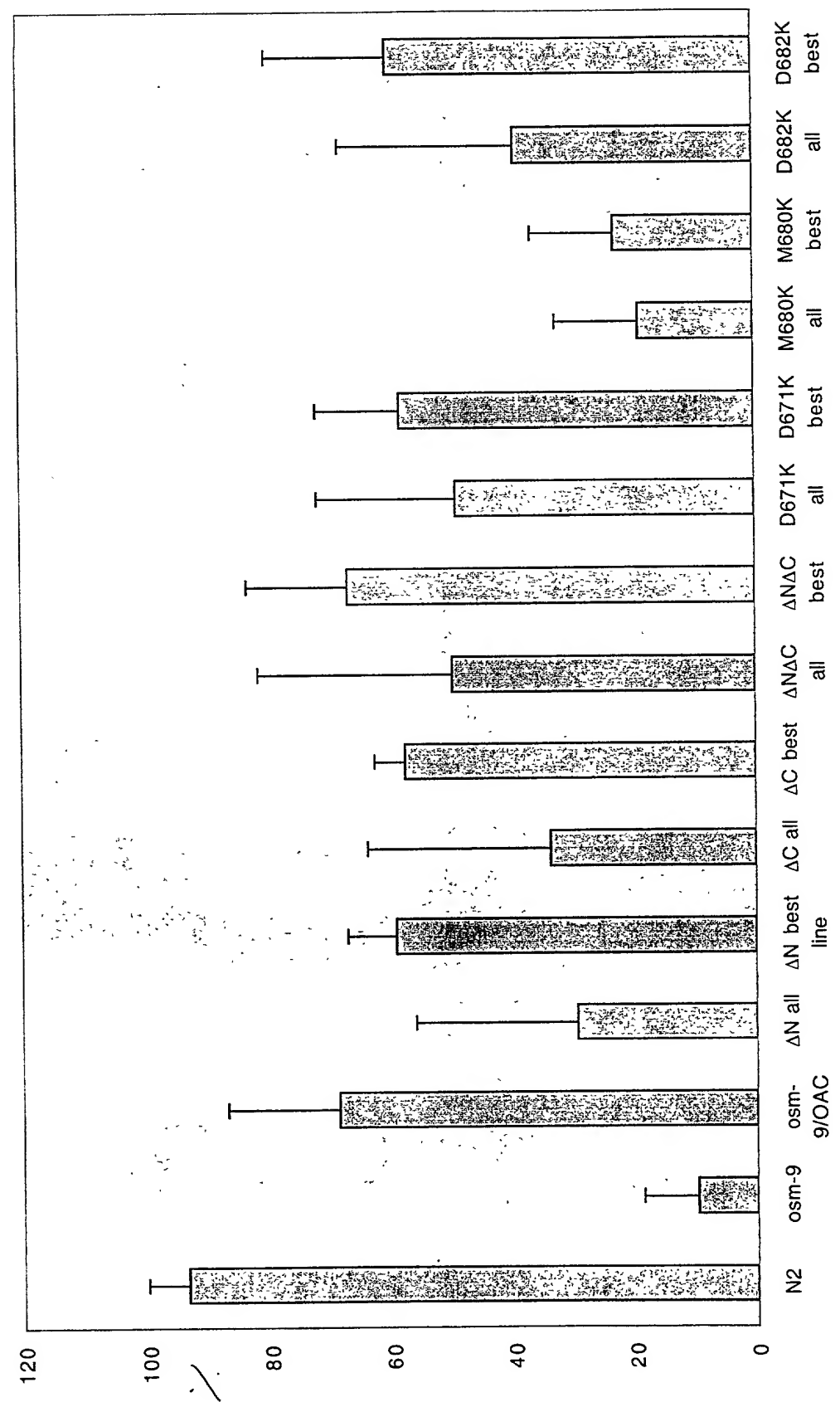


Figure 17A

600-1-287P

**nose touch
structure-function study**

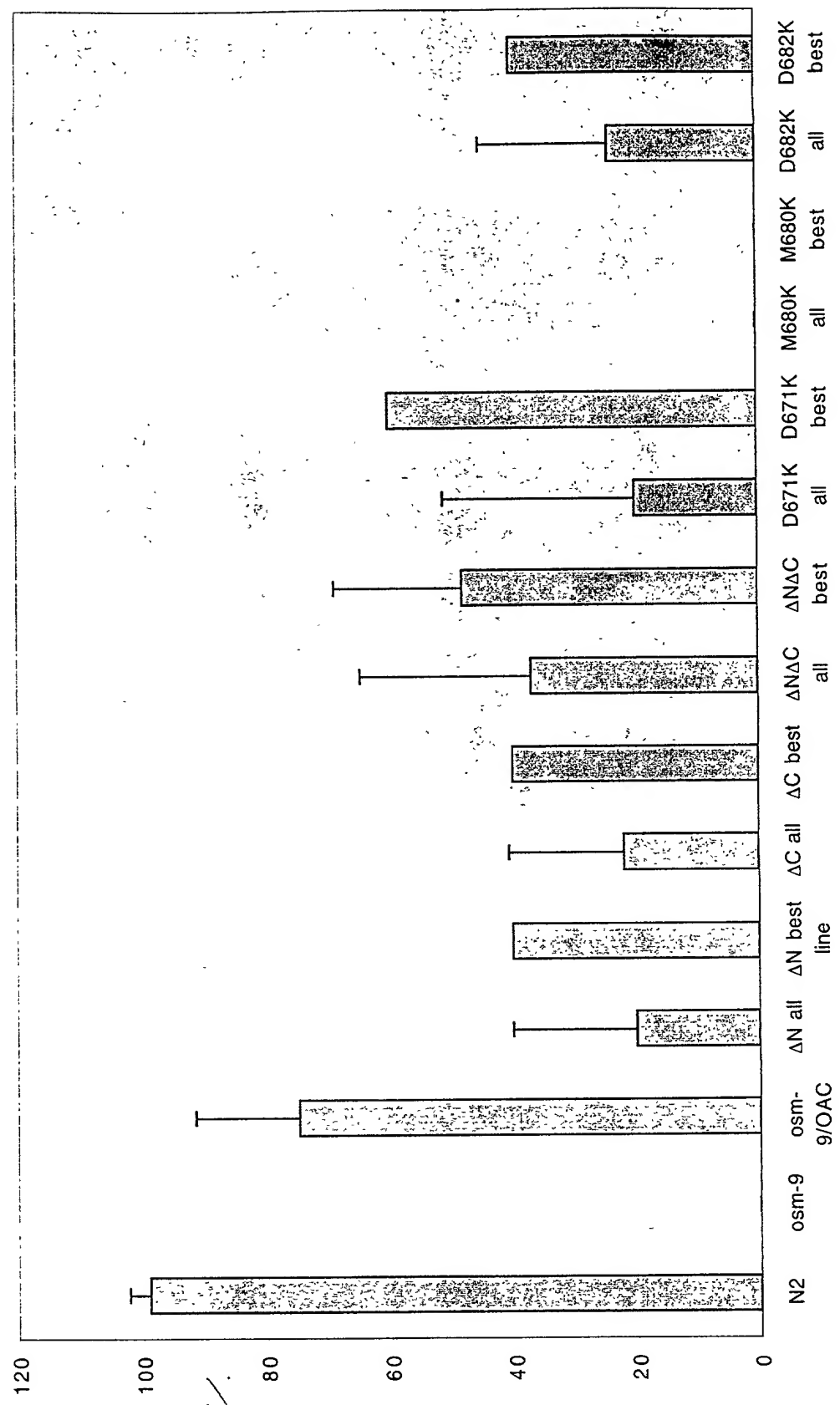


Figure 17B